State	Target	Actual
Bihar	4200	3403
Orissa	2000	3157
West Bengal	15075	16033
Assam	1040	903
Tripura	330	251
TOTAL	220817	215511

Policy on Hydro-Energy Development

4812. SHRI PREM CHAND GUPTA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that in 1998-99, Central Government announced a policy on Hydro-Energy development with a view to exploit its vast potential in the country; and

(b) if so, what has been the progress in the development of Hydro-Power since the announcement of this policy?

THE MINISTER OF STATE EST THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) With a view to develop the untapped hydroelectric potential in the contry, Government announced a policy on Hydro Power Development in August 1998 which addresses to the various issues that have led to the decline of the share of hydro power and remedial measures required to accelerate it.

Government have taken various steps on the measures envisaged in the Policy. In order to encourage greater private investment, tariff for hydel projects has been rationalize procedures for transfer of techno-economic clearance have been simplified, a mechanism to cover geological risks has been evolved and State Governments have been made responsible for land acquisition, rehabilitation and resettlement. Small hydel projects upto 25 MW capacity have been transferred to the Ministry of Non Conventional Energy Sources. A massive thrust is proposed to be given for hydro development by starting work on preparing Detailed Project Reports in respect of hydro projects involving capacity of about 25,000 MW in the next 5 years.

Techno-Economic Clearance for Private Sectors Power Projects

4813. SHRI PREM CHAND GUPTA: Will the Minister of POWER be pleased to state:

(a) whether it is a fact that since the entry of the private sector in the power generation field, 56 private sector power projects with 28,000 MW capacity have been given techno-economic clearance; and

(b) if so, the targets set for these companies and by when these will be completed?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) and (b) As on date Central Electricity Authority (CEA) has accorded techno-economic clearance to 57 schemes for setting up of power projects aggregating to a capacity of 29362.3 MW Details of the schemes indicating their commissioning schedules are given below.

SI. No.	NAME OF THE PROJECT	CAP (MW)	Commissioning schedule
Himachal Pradesh			
1	Baspa Stage-II HEP (M/s JPIL)	300	Expected by July 2002
2	Malana HEP(M/s Rajasthan Spinning & Weaving Mills Ltd)	86	Expected by June 2001
Uttar Pradesh			
3	Vishnuprayag HEP (M/s JPIL)	400	60 months from financial closure
4	Rosa TPP (M/s. Indo-Gulf Fertilizers)	567	40 months from financial closure
5	Srinagar HEP (M/s Duncans North Hydro Power Co. Ltd.)	330	62 months from financial closure
Rajasthan			
6	Dholpur CCGT (M/s RPG Dholpur Power Co. Ltd.)	702.7	24—28months from financial closure
7	Barsingsar TPP (M/s Hindustan Vidyut Corporation Ltd.)	500	38—42 months from financial closure
Madhya Pradesh			
8	Maheshwar HEP (M/S. S. Kumars Ltd)	400	55-56 months from fnancial closure
9	Korba (East) TPP (M/s Daewoo Power)	1070	41—47 months from financial closure.
10	Bina TPP (M/s Bvna Power Supply Co. Ltd.)	578	33—36 months from financial closure.

SL No.	Name of the Project	CAP (MW)	Commissioning schedule
1 1	Narsinghpur CCPP (M/s GBL Power)	1 66	23 months from financial closure.
12	Korba (West) BML (M/S nTL)	420	33—36 months from financial closure.
13	Guna CCGT (M/s ST1 Power India Ltd.)	330	12—25 months from financial closure.
14	Perch TPP (M/s Perch Power Ltd.)	500	38—41 months from financial closure.
15	Bhilai TPP (M/s Bhilai Power Supply Comp)	574	39 months from financial closure.
16	Raigarh TPP (M/s Jindal Power Ltd.)	550	36—39 months from financial closure.
17	Bhander CCGT (M/s Bhander Power Ltd.)	342	12—25 months from financial closure.
18	Pilhampur DGPP (M/s Stiapoorji Pallonji Power Co. Ltd.)	119.7	14—17 months from financial closure.
19	Ratlam DGPP (M/s GVK Power (Ratlam) Ltd)	118.63	14—17 months from financial closure.
20	Khandwa CCGT (M/s Madhya Bharat Energy Corp. Ltd.)	171.17	22 months from financial closure.
Gujarat			
21	Paguthan CCGT (M/s Gujarat Torrent)	654.7	Commissioned in 1998/ 1999
22	Hazira CCGT (M/s Essar Power Ltd.)	515.0	Commissioned in 1997
23	Baroda CCGT (M/s GffCL)	167.0	Commissioned during 1997
14	Surat Lignite TPP (M/s G1PCL)	250.0	Commissioned during 1997
25	Jamnagar TPP (M/s Reliance Power Ltd.)	500.0	36-—39 months from financial closure
Maharasihra			
26	Dabhol CCGT (M/s. Dabhol Power Co.)	2015	Stage-1 Commissioned in 1998 Stage-II expected in 2001-2002

SL No.	Name of the Project	CAP (MW)	Commissioning schedule
2 7	Bhadravati TPS (M/s. Central India Power)	1072	42—48 months from Financial Closure
2 8	Patalganga CCTG (M/s Reliance Patalganga Power)	447.1	18—24 months from Financial Closure
	Andhra Pradesh		
29	Jegurupadu CCGT (M/s. GVK Industries)	216	Commissioned in 1997
30	Godavari CCGT (M/s. Specturam Tech.)	208	Commissioned in 1998
31	Vizag TPS (M/s. HNPCL)	1040	38—44 months from Financial Closure
32	Ramagundam Extn. (M/s. BPL Group)	520	33—39 months from Financial Closure
33	Kondapally CCGT (Lanco Industries Ltd.)	350	August, 2000
3 4	Krishnapatnam 'B' TPP (BBI Power Krishnapatnam Co.)	5 20	36—42 months from Financial Closure
35	Vemagiri CCGT (Ispat Power Limited)	492	20—26 months from Financial Closure
	Karnataka		
36	Toranagallu TPS (M/s Jindal Tractcbel)	260	Commissioned in 1999
37	Mangalore TPS (M/s. Cogentrix)	1013.2	33 months from Financial Closure
38	Nagarjuna TPP (M/s Nagarjuna Power Corporation Ltd.)	1015	38—42 months from Financial Closure
39	Bangalore CCPP (M/s Peenya Power)	107.6	19 months from Financial Closure
	Tamil Nadu		
40	Neyveli TPS -Zero Unit (M/s ST-CMS)	250	34 months from financial closure
41	PillaiperumalnallurCCGT (M/s PPN Power)	330.5	December, 2000

SI. No.	Name of the Project	CAP (MW)	Commissioning schedule
42	North Madras TPS-II (M/s Videocon Power)	1 050	42—46 months from Financial Closure
43	Basin Bridge DGPP (M/s GMR Vasavi)	200	Commissioned in 1999
44	Tuticorin TPP St. IV (M/s SPIC)	525	39 months from Financial Closure
45	Samayanallur DGPP (M/s Balaji Power Corp. Ltd.)	106	14—17 months from Financial Closure
46	Samalpatti DGPP (M/s Samalpatti Power Co.)	106	May, 2001
47	North Madras TPP (M/s Tri-Sakthi Energy Private Limited)	525	37 months from Financial Closure
48	Cuddalore TPP (M/s Cuddalore Power Company)	1320	39—44 months from Financial Closure
49	Vembar CCGT (M/s Indian Power Projects Limited)	1873	38—50 months from Financial Closure
Kerala			
50	Vypeen CCGT (M/s Siasin Energy Pvt. Ltd.)	679.2	27 months from Financial Closure
51	Kannur CCGT (M/s Kannur Power Projects Ltd.)	513	27 months from Financial Closure
Orissa			
52	lb Valley TPS (Units 5 &6) (AES IB Valley Cor.)	500	33—36 months from Financial Closure
53	Duburi TPP Units 1 & 2 (Kalinga Power Corporation)	500	33—36 months from Financial Closure
West Bengal			
54	Balagarh TPS (M/s Balagarh Power Com.)	500	33—36 months from Financial Closure
55	Bakreshwar TPP (Bakreshwar Power Gen. Co. Ltd.)	420	30—33 months from Financial Closure
56	Gouripore TPP (Gouripore Power Company)	150	32 months from Financial Closure

SI. No.	Name of the Project	CAP (MW)	Commissioning schedule
	Bihar	240	30—33 months from Financial Closure
5 7	Jojobera TPP (M/s Jamshedpur Power Co.)		

Electricity Generation from Irrigation Dams

4814. PROF. M. SANKARALINGAM: Will the Minister of POWER be pleased to state:

(a) whether Government fully utilised generation of the electricity from irrigation dams;

(b) if so, the details thereof, State-wise and dam-wise; and

(c) if not, the reasons therefor and the steps taken to utilise the same?

THE MINISTER OF STATE IN THE MINISTRY OF POWI7R (SHRIMAIT JAYAWANTI MEHTA): (a) to (c) The dams planned and constructed for irrigation do not necessarily envisage possibility for hydro power development. However, wherever feasible hydro power projects are planned. Details of reservoir based hydro- electric stations existing and under construction are given in the statement enclosed.

STATEMENT

(A) LIST OF EXISTING RESERVOIR BASED HE STATIONS

Northern Region	LC.(MW)
1. Bhakra Nangal (H.P.)	1354
2. Pong (H.P.)	360
3. R.P. Sagar & Jawahar Sagar (Raj.)	271
4. Rihand & Obra (U.P.)	399
Western Region	
5. Ukai (Guj.)	300
6. Gandhi Sagar (M.P.)	515
7. Koyna (Mah.)	920
Southern Region	
8. Machkund (A.P.)	114.75